

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES03/00232

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ B66B11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ B66B, H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, CIBEPAT, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1298084 A (Kabushiki Kaisha Meidensha) 02.04.2003 Paragraphs 29 y 31	1,4,5 2,3,6-8
X A	EP 1069068 A (Inventio AG) 17.01.2001 Paragraphs 9-14	1,4,5 2,3,6-8
X A	US 5244060 A (Tanaka et al.) 14.09.1993 Column 2, line 60- Column 4, line 50	1,4,5 2,3,6-8
X A	US 6371248 B1 (Cholinski.) 16.04.2002 Column 1, line 60- Column 2, line 65	1,4,5 2,3,6-8



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
22 September 2003 (22.09.03)

Date of mailing of the international search report

29 September 2003 (29.09.03)

Name and mailing address of the ISA/

SPTO

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No	
PCT/ ES03/00232	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1298084 A	02.04.2003	EP 1298084 A KR2003027685A JP2003104666A US2003070881A1 CN1410338A	02.04.2003 07.04.2003 09.04.2003 17.04.2003 16.04.2003
EP 1069068 A	17.01.2001	EP 1069068 A	17.01.2001
US 5244060 A	14.09.1993	US 5244060 A	14.09.1993
US 6371248 B1	16.04.2002	US 6371248 B1 EP1013598 A1 JP200219444 A CA2291949 A1	16.04.2002 28.06.2000 08.08.2000 14.06.2000